

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1-30. (Canceled)

31. (Currently Amended) Apparatus for use in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end and a lumen, the distal end of the retrieval adapter being configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel;

wherein the proximal end of the retrieval adapter is configured to engage and couple with a distal end of an interventional device within the vessel;

wherein the retrieval adaptor has a longitudinal axis, wherein the distal end of the retrieval adapter includes an opening oblique to the longitudinal axis; and

wherein, when in a non-expanded configuration, at least a portion of the distal end of the retrieval adapter has an inward bend adjacent to the oblique opening.

32. (Previously Presented) The apparatus of claim 31, wherein the retrieval adapter comprises a biocompatible material.

33. (Previously Presented) The apparatus of claim 31, wherein the retrieval adapter comprises a radiopaque material.

34. (Previously Presented) The apparatus of claim 33, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

35. (Previously Presented) The apparatus of claim 31, wherein the proximal end of the retrieval adapter is tapered to facilitate engagement with a distal end of the interventional device.

36. (Previously Presented) The apparatus of claim 35, wherein the proximal end of the retrieval adapter is capable of being coupled to a distal end of an interventional device.

37. (Previously Presented) The apparatus of claim 31, wherein the distal end of the retrieval adapter includes at least one expansion slit.

38. (Canceled)

39. (Previously Presented) The apparatus of claim 31, wherein the distal end of the retrieval adapter includes a curved portion.

40-67. (Canceled)

68. (New) Apparatus for use in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a first retrieval adapter having a proximal end, a distal end and a lumen, the distal end of the first retrieval adapter being configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel,

wherein the first retrieval adaptor has a longitudinal axis, wherein the distal end of the retrieval adapter includes an opening oblique to the longitudinal axis; and

wherein, when in a non-expanded configuration, at least a portion of the distal end of the first retrieval adapter has an inward bend adjacent to the oblique opening and

a second retrieval adapter comprising a tubular body having a proximal end, a distal end and a lumen therebetween and a support wire attached to the tubular body,

further wherein the distal end of the second retrieval adapter is sized and configured to advance from a first position proximal of first retrieval device to a second position by passing over at least a portion of the first retrieval adapter; a filter, at least a portion of which is received within the lumen of the first retrieval adapter; and any interventional device interposed about the guidewire between the first position and the second position.

69. (New) The apparatus of claim 68, wherein the first and second retrieval adapters comprise biocompatible materials.

70. (New) The apparatus of claim 68, wherein at least one of the retrieval adapters comprise a radiopaque material.

71. (New) The apparatus of claim 70, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

72. (New) The apparatus of claim 68, wherein the proximal end of the first retrieval adapter is tapered to facilitate engagement with a distal end of an interventional device.

73. (New) The apparatus of claim 68, wherein the distal end of the first retrieval adapter includes at least one expansion slit.

74. (New) The apparatus of claim 68, wherein the distal end of the first retrieval adapter includes a curved portion.